



iPod Touch 3rd Generation Teardown

Juniors in high school first time teardown of Ipod Touch 3rd Generation. This is a class project that required us to teardown or fix an electronic device.

Written By: Vania Avila



INTRODUCTION

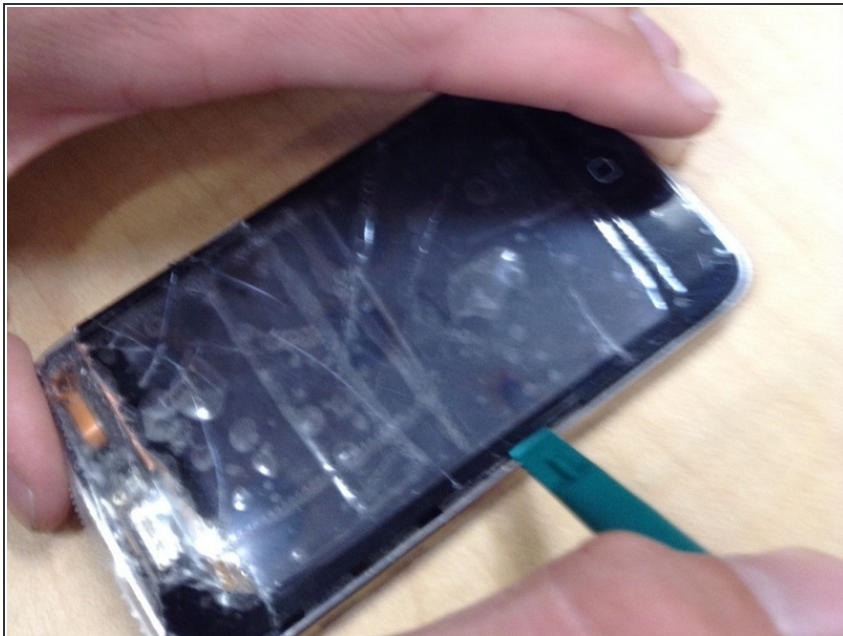
This is a teardown of an iPod Touch 3rd Generation to take it apart and see its different components.

Step 1 — Gather your materials



- You will need:
- 1x PH00
- 1X Splicer
- 2X Plastic Opening Tools
- 1X Suction Cup

Step 2



- Use the Plastic Opening tools around the screen in order to pry it open.

Step 3



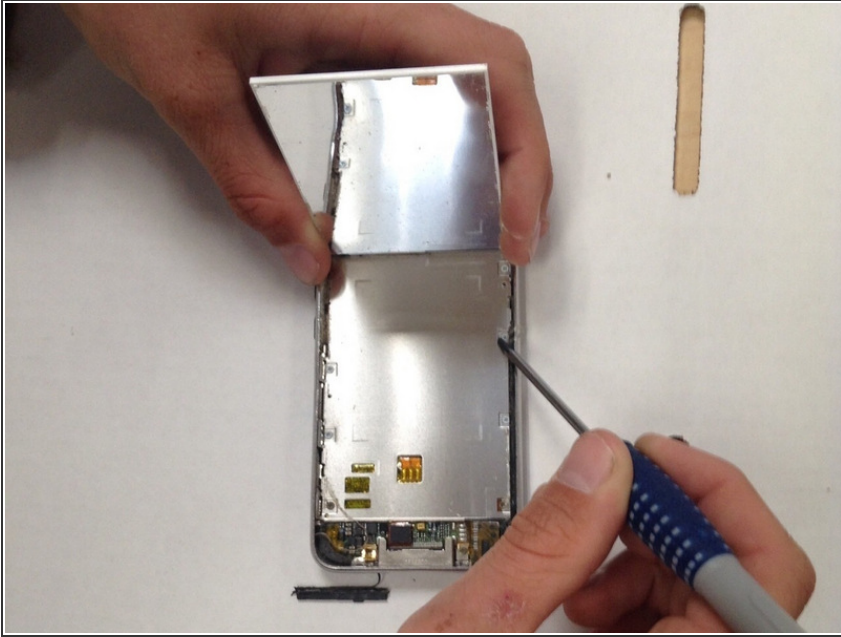
- Next use the suction cup to lift the screen.

Step 4



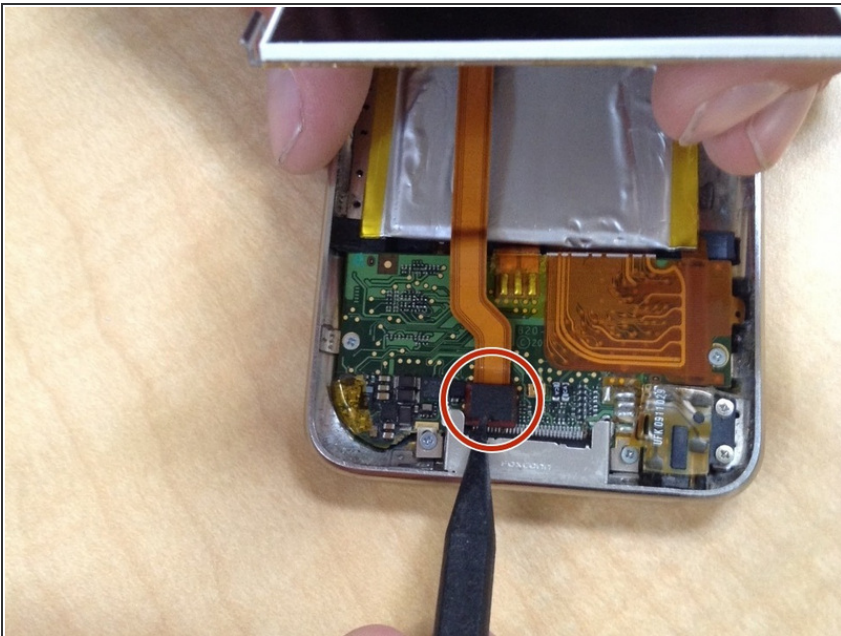
- You can then remove the suction cup from the screen.
- After that move the screen to the side.

Step 5



- Now you can lift the LCD Screen and start to remove the screws with the PH00.

Step 6



- Once you do that you have to separate the black square from the rest so you can fully remove the LCD Screen.

Step 7



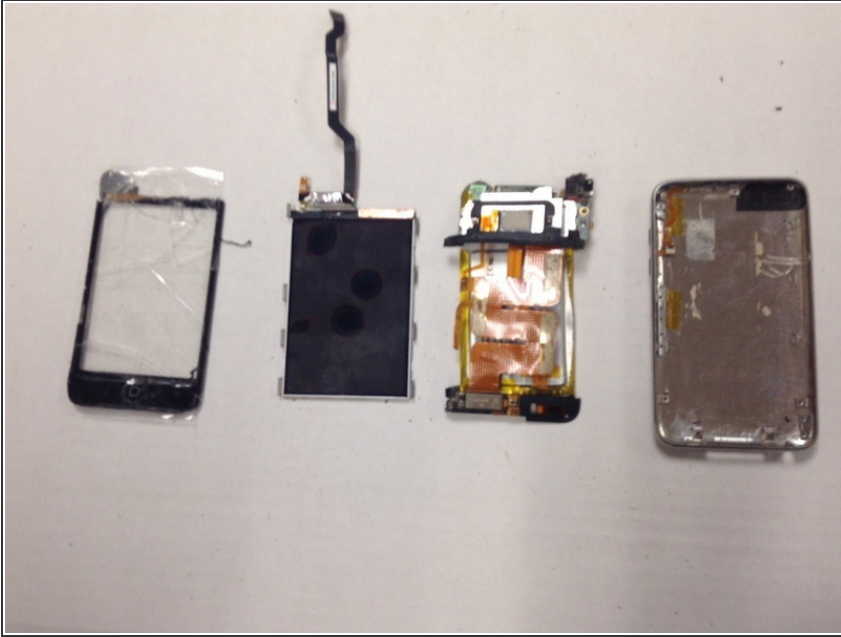
- After that you can set the LCD Screen to the side.

Step 8



- After, use the PH00 to remove more screws.
- Then use the splicer to start removing the orange square shown.

Step 9



- Once you do that, you can remove the battery and ribbon cable and set it aside.
- You are now down with the teardown. If you want to put it back together again just follow the same steps backwards.
- This is at a moderate level, definitely not something you should try without a guide.

Step 10



- In conclusion, the teardown went well and we managed to understand most of the components in the device.
- If you would like to read an analysis of Cost vs. Benefit go to the link below.
- <https://docs.google.com/document/d/1ubD8...>

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-07-09 02:47:49 PM.